AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A data processing device comprising processing means for receiving, from an equipment in a communications network, primary data defining events in at least one primary format and delivering to a management device in said network secondary data defining alarms representing said events, in a secondary format, wherein said processing means comprise an interpreter provided with a plurality of conversion rules, arranged in the form of scripts associated with a plurality of different primary event formats, and arranged so as to convert, by means of said rules, primary data received in one of said primary formats into secondary data in said secondary format which can be interpreted by said management device.

2. (previously presented): The device as claimed in Claim 1, wherein said interpreter is arranged to make said conversions into a secondary configuration file format by means of an interpreted language.

3. (previously presented): The device as claimed in Claim 2, wherein said secondary configuration file format is XML .

4. (previously presented): The device as claimed in Claim 2, wherein said interpreted language is selected from a group consisting of JavaScript, Visual Basic, TCL, Perl and Python.

5. (previously presented): The device as claimed in Claim 1, wherein, when there are primary data associated respectively with event identifiers, said interpreter is arranged to store at least some of said rules in correspondence with known event identifiers.

6. (previously presented): The device as claimed in Claim 5, wherein said interpreter is arranged to store at least one conversion rule defining a default script intended for the primary data associated with an unknown event identifier.

7. (previously presented): The device as claimed in Claim 1, wherein said interpreter is arranged to deduce alarm parameters from certain primary data received, so as to deliver a parameterized alarm to said management device.

8. (previously presented): The device as claimed in Claim 7, wherein said interpreter is arranged to deliver to said management device alarms parameterized by hard coded values.

9. (previously presented): The device as claimed in Claim 7, wherein said interpreter is arranged to deliver to said management device alarms parameterized by values extracted from said primary data.

10. (previously presented): The device as claimed in Claim 7, wherein, when the alarm state of an item of an equipment in the network is unknown, said interpreter is arranged to extract from said equipment chosen information able to allow determination of said alarm state, and then to simulate the sending of primary data representing said state information, so as to generate an alarm intended to indicate to the management device the alarm state of said equipment.

11. (previously presented): The device as claimed in Claim 10, wherein said interpreter is arranged to deliver to said management device alarms parameterized by values extracted from the equipment from which it has received the primary data.

12. (previously presented): The device as claimed in Claim 10, wherein said interpreter is arranged to extract said chosen information from a management information base of the equipment concerned.

13. (previously presented): The device as claimed in Claim 1, wherein said primary data are received in primary formats of the SNMP type.

14. (currently amended): A network management device, comprising a processing device ~~for receiving~~which receives, from equipment in a communications network, primary data defining events in at least one primary format and delivering to a management device in said network secondary data defining alarms representing said events, in a secondary format, wherein said processing means comprise an interpreter provided with a plurality of conversion rules, arranged in the form of scripts associated with a plurality of different primary event formats, and arranged so as to convert, by means of said rules, primary data received in one of said primary formats into secondary data in said secondary format which can be interpreted by said management device.

15. (previously presented): A data processing method in which, on reception of primary data transmitted by an equipment in a communications network and defining events in at least one primary format, there are delivered to a management device of the network secondary data defining alarms representing said events, in a secondary format, wherein said method further comprising the step of converting, by means of one of a plurality of conversion rules, arranged in the form of scripts associated with a plurality of different primary event formats, primary data received in one of said primary formats into secondary data in said secondary format which can be interpreted by said management device.

16. (previously presented): The method as claimed in Claim 15, wherein conversion step is carried out into a secondary configuration file format by means of an interpreted language.

17. (previously presented): The method as claimed in Claim 16, wherein said secondary configuration file format is XML .

18. (previously presented): The method as claimed in Claim 16, wherein said interpreted language is selected from a group consisting of JavaScript, VisualBasic, TCL, Perl and Python.

19. (previously presented): The method as claimed in Claim 15, wherein, when there are primary data associated respectively with event identifiers, at least some of said conversion rules are associated with known event identifiers.

20. (previously presented): The method as claimed in Claim 19, wherein at least one of said conversion rules defines a default script intended for primary data associated with an unknown event identifier.

21. (previously presented): The method as claimed in Claim 15, wherein alarm parameters are deduced from certain primary data received, so as to deliver a parameterized alarm to said management device.

22. (previously presented): The method as claimed in Claim 21, in which alarms parameterized by hard coded values are delivered to said management device.

23. (previously presented): The method as claimed in Claim 21, wherein alarms parameterized by values extracted from said primary data are delivered to said management device.

24. (previously presented): The method as claimed in Claim 21, wherein, when the alarm state of an item of an equipment in the network is unknown, there is extracted from said equipment chosen information able to allow determination of said alarm state, and then the sending of primary data representing said state information is simulated so as to generate an alarm intended to indicate to the management device the alarm state of said equipment.

25. (previously presented): The method as claimed in Claim 24, wherein there are delivered to said management device alarms parameterized by values extracted from the equipment from which it received primary data.

26. (previously presented): The method as claimed in Claim 24, wherein said information or values are extracted from a management information base of the equipment concerned.

27. (previously presented): The method as claimed in Claim 15, wherein said primary data are received in primary formats of the SNMP type.

28. (previously presented): A method of managing a communications network, which have to be managed, the method comprising the steps of:

on reception of primary data transmitted by an equipment in the communications network and defining events in at least one primary format,

delivering to a management device of the communications network secondary data defining alarms representing said events, in a secondary format,

wherein said second format is generated by converting, by means of one a plurality conversion rules, arranged in the form of scripts associated with a plurality of primary event formats, primary data received in one of said primary formats into secondary data in said secondary format which can be interpreted by said management device .

29. (currently amended): A method of managing a communications network according to claim 28, wherein the communications network is one of ~~can be any type of communications network selected from a group consisting of:~~ WDM network, a SONET network, an SDH ~~type~~ network, an IP network, an ATM network, mobile and an NGN ~~type~~network.

30. (canceled).

31. (previously presented): The device as claimed in claim 10, wherein said information resides in a management information base of said equipment concerned.

32. (previously presented): The device claimed in claim 10, wherein the alarm state of said equipment is synchronized or resynchronized using said extracted chosen information.

33. (previously presented): The method as claimed in Claim 24, wherein said information resides in a management information base of said equipment concerned.

34. (previously presented): The method claimed in claim 24, wherein the alarm state of said equipment is synchronized or resynchronized using said extracted chosen information.